AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Page 1, prior to the first paragraph, please insert the following heading:

BACKGROUND OF THE INVENTION

Page 2, before the fifth full paragraph, please insert the following heading:

SUMMARY OF THE INVENTION

Page 4, prior to the first paragraph, please insert the following headings and disclosure:

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 depicts components in a system for determining a rate of dilution of a lubricating oil.

Figure 2 is a graph showing progress of the counting rate at the level of the analysis chamber as a function of time and the dilution of the lubricating oil by the diesel oil in an oil/diesel oil mixture.

Figure 3 is a graph showing the progress of the rate of dilution of the oil by the diesel oil.

DETAILED DESCRIPTION OF THE NON-LIMITING EMBODIMENTS OF THE INVENTION

Page 11, the first full paragraph is amended as follows:

The curve in Figure ~~4~~ 3 shows the progress of the rate of dilution (expressed in %) of the oil by the diesel oil, measured continuously in the oil pan by the radioactive tracer detection system (continuous line) and measured at regular intervals by gas-phase chromatography (filled squares). It can be noted that the continuous measurement of the rate of dilution according to the method of the invention perfectly matches the discontinuous determination method of the current state of the art.